

ECS Configuration Change Request

Page 1 of Page(s)

1. Originator Byron V. Peters	2. Log Date: 12/17/98	3. CCR #: 98-1295	4. Rev: -	5. Tel: 4077	6. Off: SED	7. Org: HWE
8. Title of Change: Baseline an Engineering Technical Directive to Disable Tivoli Logfile Adapter on Solaris 2.5.1 hosts						
9. Originator Signature <i>Byron V. Peters</i>	10. Date: 12/16/98	11. Class II	12. Type: CCR	13. Need Date: 12/16/98		
14. Office Manager Signature <i>Handy Bollinger</i>	15. Date: 12/16/98	16. Date CCB Decision Needed: 12/16/98	17. Category of Change: Category	18. Priority: Emergency		
19. Documentation/Drawings Impacted: None (not baselined in hardware/software map due to only being a small module within the Tivoli Management Environment)		20. Schedule Impact: None		21. CI(s) Affected: CSMS		
22. Release Affected: Drop 4PX		23. Date due to Customer: N/A	24. Impl. Date: 12/18/98	25. Effectivity of Change: immediate	26. Est. Cost None	
27. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> GSFC CCR <input type="checkbox"/> Tech Ref. <input checked="" type="checkbox"/> Other: Significant problems noted in diagnosing problems on Solaris 2.5.1 hosts due to incomplete syslog messaging						
28. Description of Change: (use additional Sheets if necessary) The attached Engineering Technical Directive provides a procedure to disable the Tivoli logfile adapter which is not currently being used in the ECS environment. This procedure is urgently required to reestablish diagnostic capability on Solaris 2.5.1 hosts.						
29. Proposed Solution: (use additional sheets if necessary) Disable Tivoli Logfile adapter using the procedures addressed in the attached Engineering Technical Directive.						
30. Alternate Solution: (use additional sheets if necessary) Wait for a fix to be devised.						
31. Consequences if Change(s) are not approved: (use additional sheets if necessary) Continued impaired diagnostic capability on Solaris 2.5.1 hosts.						
32. Does Change Affect Any of the following (Please Explain on additional sheet): <input type="checkbox"/> Maintenance Training <input type="checkbox"/> Performance <input type="checkbox"/> Operation Training <input type="checkbox"/> Safety <input type="checkbox"/> Service <input checked="" type="checkbox"/> Support <input type="checkbox"/> Test <input type="checkbox"/> Baseline (XRP) <input type="checkbox"/> Y2K Compliance						
33. Organization(s) Affected: <input type="checkbox"/> CM <input type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input checked="" type="checkbox"/> M&O <input type="checkbox"/> QO <input type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input checked="" type="checkbox"/> RTSC <input type="checkbox"/> Sci. Data Eng <input type="checkbox"/> Security <input type="checkbox"/> Sys. Dev. <input checked="" type="checkbox"/> Sys. Eng. <input type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other						
34. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> Mini-DAAC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> Other						
35. Board Comments:				36. Work Assigned To:		
37. Release Authorized (For CM Use Only): <input type="checkbox"/> Yes <input type="checkbox"/> No			38. CM Verified/Signature and Date			
39. EDF/REL2 CCB Chair (Sign/Date): <i>Ma McDonald 12/17/98</i>		40. Disposition: <input checked="" type="checkbox"/> App <input type="checkbox"/> Ap/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS		41. ESDIS ERB Concurrence:		
42. ECS CCB Chair (Sign/Date):		43. Disposition: App <input type="checkbox"/> A/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/>		44. CCR Closed Date:		

CM01 August 27, 1998

ORIGINAL

ECS/EDF/REL2 CCB

Engineering Technical Directive

ECS Project

No. 98-009

Subject: Disable Tivoli Logfile Adapter
The following directive is issued to all DAACS and labs.

16 December 98

Issue:

The Tivoli logfile adapter disables the syslog function

Fix:

SGI/Sun:

1. Logon to the host using root
2. Rename the initialization file using the command:
mv /etc/Tivoli/tecad/bin/init.tecad_logfile /etc/Tivoli/tecad/bin/init.tecad_logfile.orig
3. In the /etc/syslog.conf file, remove the lines relating to Tivoli (usually the last three lines)
4. Identify the existing processes associated with the "tecad_logfile" and "oserv -h" using the command:
/usr/bin/ps -ef | egrep "tecloserv"
5. Kill the processes identified in the previous step using the command:
kill -9 PID#
6. Stop Tivoli using the command:
/etc/init.d/Tivoli stop
7. Restart Tivoli using the command:
/etc/init.d/Tivoli start

HP:

1. Logon to the host using root
2. Rename the initialization file using the command:
mv /etc/Tivoli/tecad/bin/init.tecad_logfile /etc/Tivoli/tecad/bin/init.tecad_logfile.orig
3. In the /etc/syslog.conf file, remove the lines relating to Tivoli (usually the last three lines)
4. Identify the existing processes associated with the "tecad_logfile" and "oserv -h" using the command:
/usr/bin/ps -ef | egrep "tecloserv"
5. Kill the processes identified in the previous step using the command:
kill -9 PID#
6. Stop Tivoli using the command:
/sbin/init.d/Tivoli stop
7. Restart Tivoli using the command:
/sbin/init.d/Tivoli start

Testing:

1. Verify that there are no "tecad_logfile" or "oserv -h" processes using the command:
/usr/bin/ps -ef | egrep "tecloserv"
2. Verify that messages are being logged to /var/adm/messages using the command:
/usr/bin/logger -p user.crit "SYSLOG TEST"
tail /var/adm/messages

If the above fix was successful, "SYSLOG TEST" should be visible in the tail output.

Implementation:

1. This directive should be implemented on all ECS Solaris 2.5.1 platforms.
2. Each DAAC is required to report the hosts on which this directive is installed as soon as possible.

Point of Contact:

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Raytheon Systems Co.
email: bpeters@eos.hitc.com, tele: 301/883-4077

Approved By:

M. McBride
Director, Systems Engineering

Reference CCR: 98-1295

-----End of Directive-----

CCR Originator's Preliminary Impacts List

(Reference PI CM-1-003. Expand Table as Necessary with Carriage Returns or New Rows)

CCR No. **98-1295** Rev. **-** Originator: **B.V. Peters** Phone: **4077**

Title: **Baseline an Engineering Technical Directive to Disable Tivoli Logfile Adapter on Solaris 2.5.1 hosts**

Office	Office Impact	Signature & Date	Comments:
Baseline (XRP)			
CLS			
Construction Off.			
Contracts			
CM			
COTS Eng.			
ClearCase Support Group			
DADS			
Data Management			
DDM			
Deployment			
ECS Chief Engineer			
ESDIS			
FOS			
Hardware Engineering			
IDG			
Interface Eng.			
Maintenance & Oper.	X	<i>[Signature]</i> 12/10/98	
Mini-DAAC			
MSS	X	<i>[Signature]</i> 12/10/98	
PDPS			
Procurement			
Quality Office			
Resource Management			
Release Development			
RTSC	X	<i>[Signature]</i> 12/17/98	
Schedule Control			
Science Office			
Scienc Data Server			
Security			
Subcontracts			
Systems Development			
System Engineering			
Sys. Verif. & Acceptance			
VATC			
Other			

CM10 August 27, 1998

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